

77. (Twice Amended) The method of claim 76 wherein the transformed cereal plant is maize or sorghum.
95. (Amended) A method for increasing the level of lysine or a sulfur-containing amino acid in a cereal plant seed, the method comprises transforming a cereal plant cell with an expression cassette and regenerating a transformed cereal plant to produce a transformed cereal plant seed, wherein the expression cassette comprises a seed endosperm-preferred promoter operably linked to a polynucleotide encoding a plant seed protein, and wherein expression of the plant seed protein increases the level of lysine or a sulfur-containing amino acid in the transformed cereal plant seed compared to a corresponding non-transformed cereal plant seed.
96. (Amended) The method of claim 95 wherein the seed endosperm-preferred promoter is heterologous to the polynucleotide.
97. (Amended) A transformed cereal plant seed which has been transformed with a [plant derived] polynucleotide to express a plant seed protein in endosperm of the transformed cereal plant seed, wherein the transformed cereal plant seed exhibits an elevated level of lysine or a sulfur-containing amino acid compared to a corresponding non-transformed cereal plant seed.
105. (Amended) The expression cassette of claim 97 wherein the seed endosperm-preferred promoter is heterologous to the polynucleotide.
106. (Amended) A seed from a transformed cereal plant which has been transformed with a polynucleotide to express a plant seed protein in the

endosperm of the transformed cereal plant seed, wherein the transformed cereal plant seed exhibits an elevated level of lysine or a sulfur-containing amino acid compared to a corresponding non-transformed cereal plant seed.

107. (Amended) A method for increasing the level of lysine or a sulfur-containing amino acid in a maize seed, the method comprises transforming a maize cell with an expression cassette and regenerating a transformed maize plant to produce a transformed maize seed, wherein the expression cassette comprises a seed endosperm-preferred promoter operably linked to a [plant derived] polynucleotide encoding a plant seed protein, and wherein expression of the plant seed protein increases the level of lysine or a sulfur-containing amino acid in seed of the transformed maize plant compared to seed of a corresponding non-transformed maize plant.
- Sub 8X7
108. (Amended) The method of claim 107 wherein the seed endosperm-preferred promoter is heterologous to the polynucleotide.
110. (Amended) A transformed maize seed which has been transformed with a polynucleotide to express a plant seed protein in the endosperm of the transformed maize seed, wherein the transformed maize seed exhibits an elevated level of lysine or a sulfur-containing amino acid compared to a corresponding non-transformed maize seed.